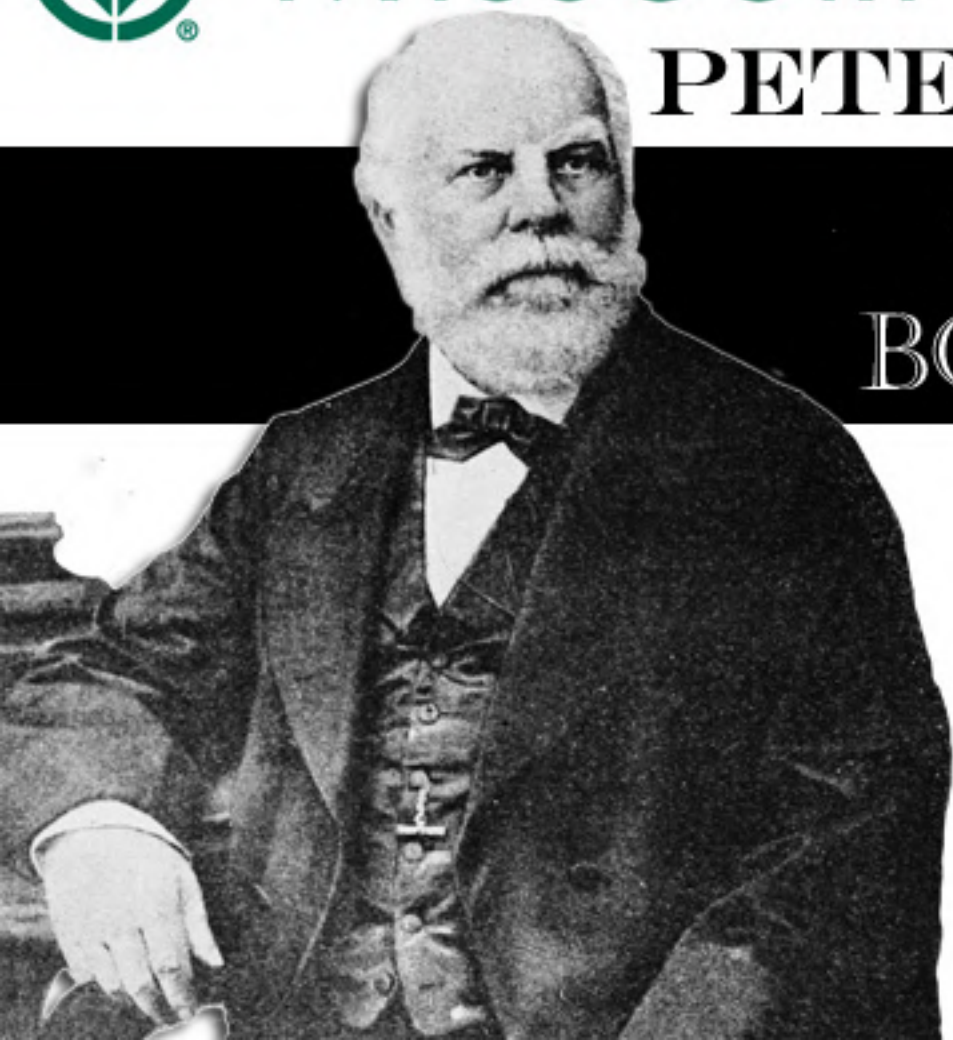


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BOTANICAL NOTEBOOKS



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Cassia

H. Bove

Mauritania

May 1837

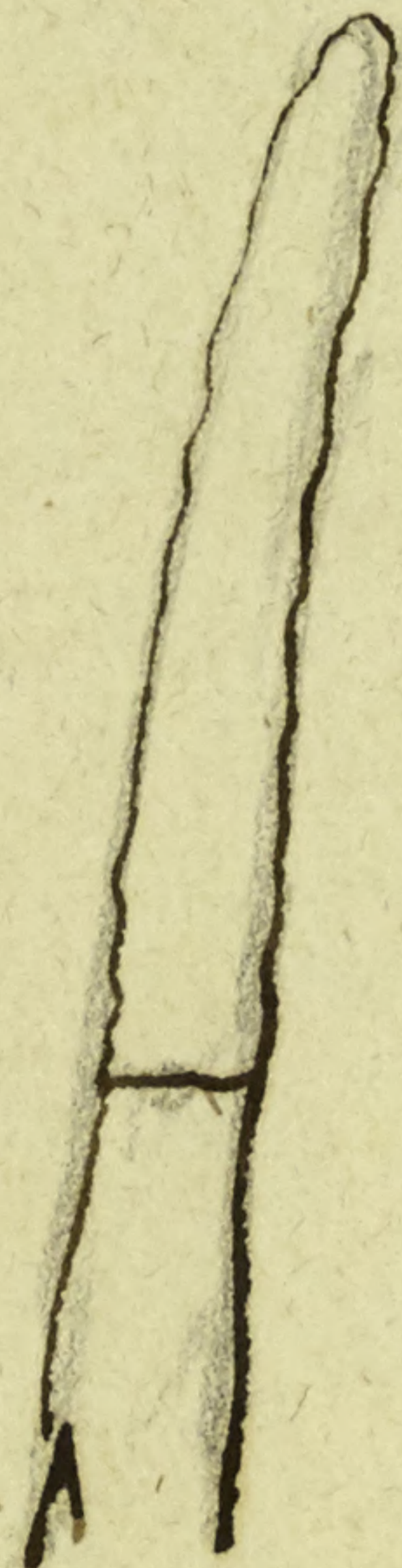
in Hb. reg. Berlin



corolla



petals



calyx

flowers 5 parted; calyx much longer than tube of corolla, deeply parted; lobes lanceolate obly, some short cuneate or rather entire, terminal cristate, much like the lobes of corolla, anthers large.

Similar to the Greek plant No 148 but flowers a little larger - and calyx different - more deeply parted, anthers larger - always 5 parted flowers

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Caranta alba Presl

Palermus

Hort. de Pavillon
1855

0.8 - 0.9



0.4

0.4



Calyx often.

stigma styl. seg.

ramis capillares; glomeris
pauca corollatis (2-3")
flor. 6-seriatis, albis 5-fid. lobis super
inequalibus and basi fere disjunctis,
ovatis v. oblongis, extensis v. obovatis
versus apicem inflexis cristatis; tubo cor.
longioribus; segmentis lacini corollae
ovatis laciniatis apice serrulatis - inornatis
staminibus; antheris ovatis filamentis
vix longioribus, - 1 geminis tenuissimis, ovatis
truncatis; stylis ovario ^{majori, recto} longioribus;
sem. 0.4 longis;
glomeris 2-3 li. diam. with 6 or 8 flowers



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1555

= 146

Cuscuta planiflora Kunze!

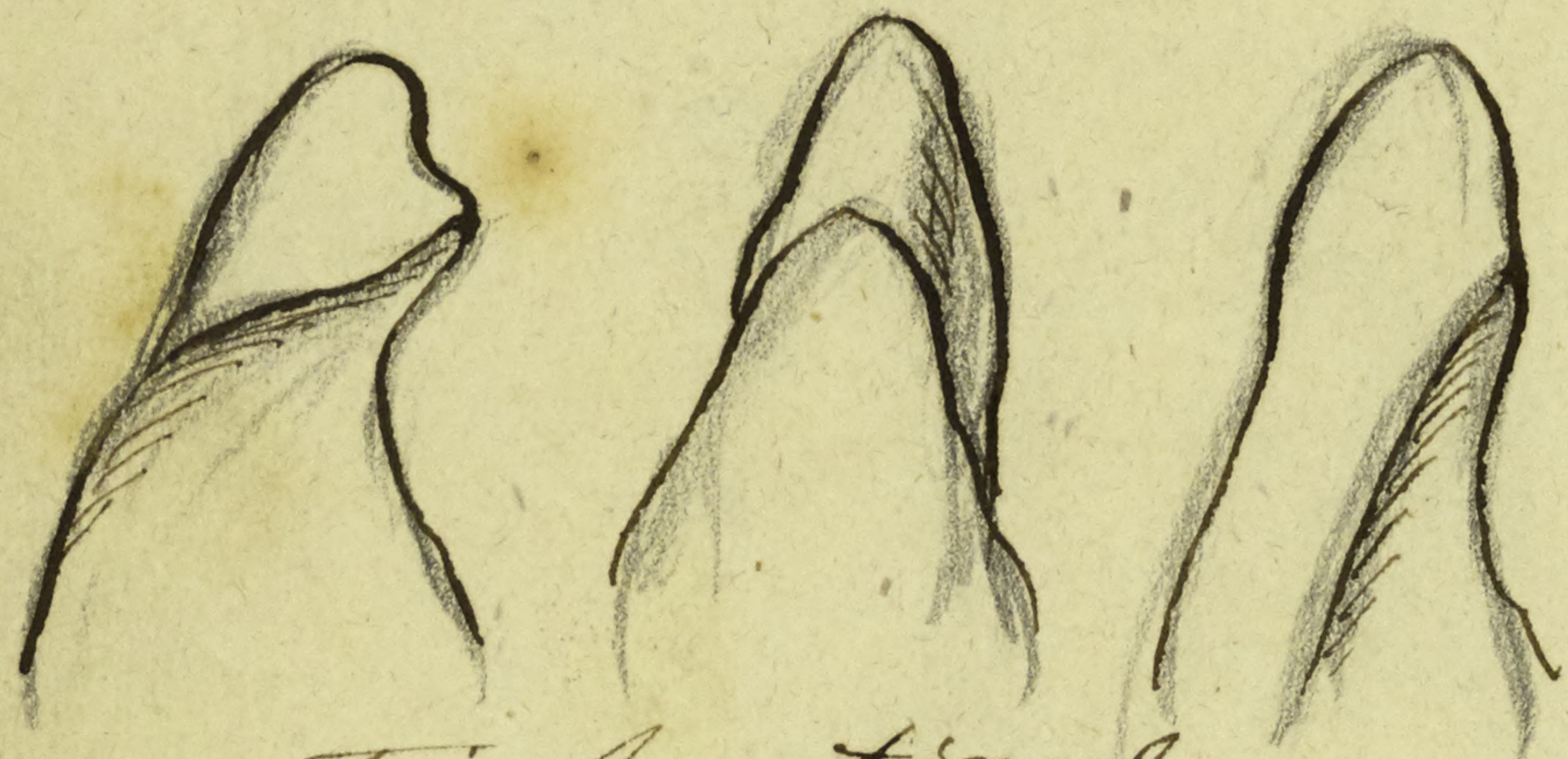
Willk. no 303

on *Alnus*

0.5



Globose many flowered
flowers of 4 parts; mostly pedicel
calyx lobes ovate, tumid at
the upper part, usually very
unequal — longer than tube
of corolla —, lacinate and
at last patulous ovate, lacinate,
tumid cristate at tip but not
cucullate, nor cucullate
styles short attenuate, stigmata
part longer than the rest



Tip of sections of
corolla



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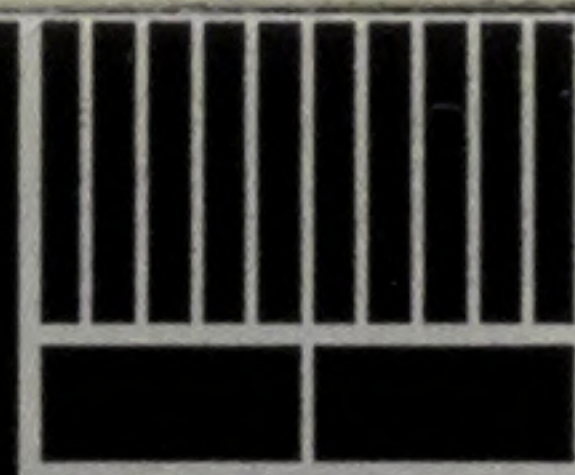


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This form and *C. oppositifolia* are very closely allied;
but the latter has usually much longer styles; but I have
seen forms, which assume almost exactly the type of
this plant!

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1298 Bourgeon Plantes d'Espagne 1857

Cuscuta Epithymum¹¹

Almeria (Spain)
à la base de la Sierra de Gador, 3 May
in Herb. Griseb. 1857
à Hb. Mus. Paris

flowers closely sessile, 5-part
Calyx lobes ~~divided~~ almost to the base
truncated at the end, oblong-lanceolate
longer than tube of Corolla —
lobes of Corolla patulous or erect
or ~~erect-lanceolate~~ ~~erect~~ ~~erect-lanceolate~~
point scarcely curved! — only
very thin adpressed, not reaching the
free; anthers small obsolete.



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ovary

Cuscuta

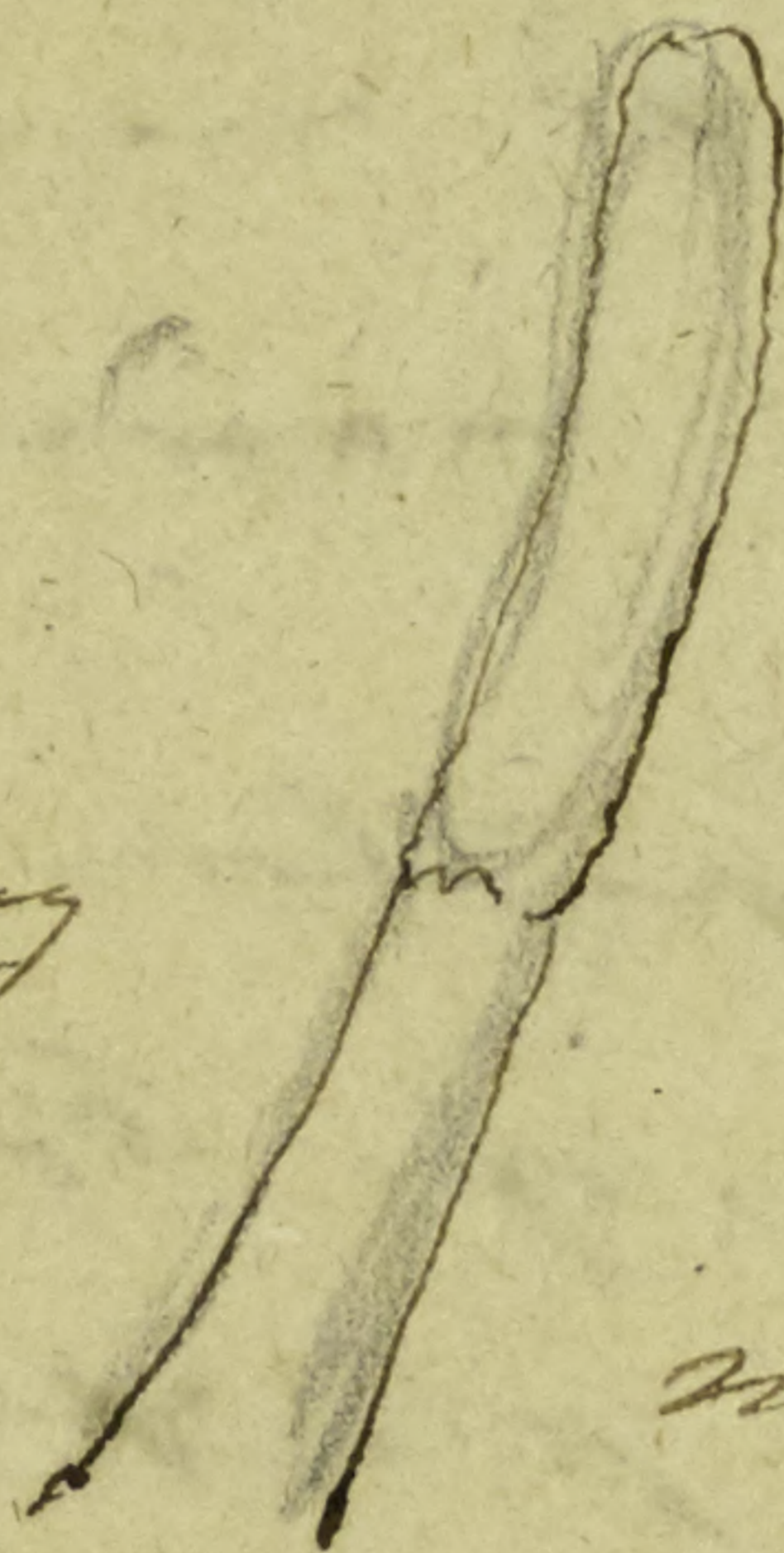
Mr Weddell leg. in May 1857
 - Algiers - Specimen in Alcohol



calyx, outside
 from below



after flowering



caule apillares humilis

glomerulis parvis sessilibus
 paucifloris (2 lin diam)

bractea ovata obtusa, forma et

magnitudine calycis sequenti

aequante. foliis, floribus

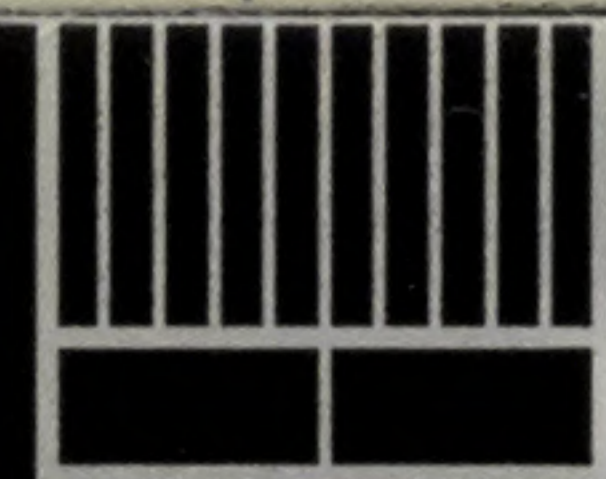
totidem s. paucioribus ad basin glomeruli

abortivis, squamulis parvis

Calycis ultra medium fissi, lobis obovatis

crassis ciliatis versus apicem obtuse

cuspidato subbullatis, corollae tubum



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superantibus; lacini corollae erecto-patulis, apice capillato
bifido, recurvis. Tubo fere aequilongis, staminibus
filamentis brevioribus, antheris ovatis, filamentis paulo brevioribus; squamis
gradatis. Epiloe truncata denticulata, fere subbrevioribus
stylis brevibus, ovario globoso ^{vix septulato} ~~aegulato~~, capsula depresso
~~vix brevior~~ subaequilongis, ad medium stigmatosis; capsula
pauca ovicrisa corolla marcescente indurata.

459 Douglas May 1846. E. Epiloe Webb! is the same plant;
calyx & deeply divided, lobes of corolla not very turned
rather less than in Weddell's plant; it is a Calycina with
rather broader lobes of calyx and less turned petals but
different from the plant found on Florana! vide p. 175

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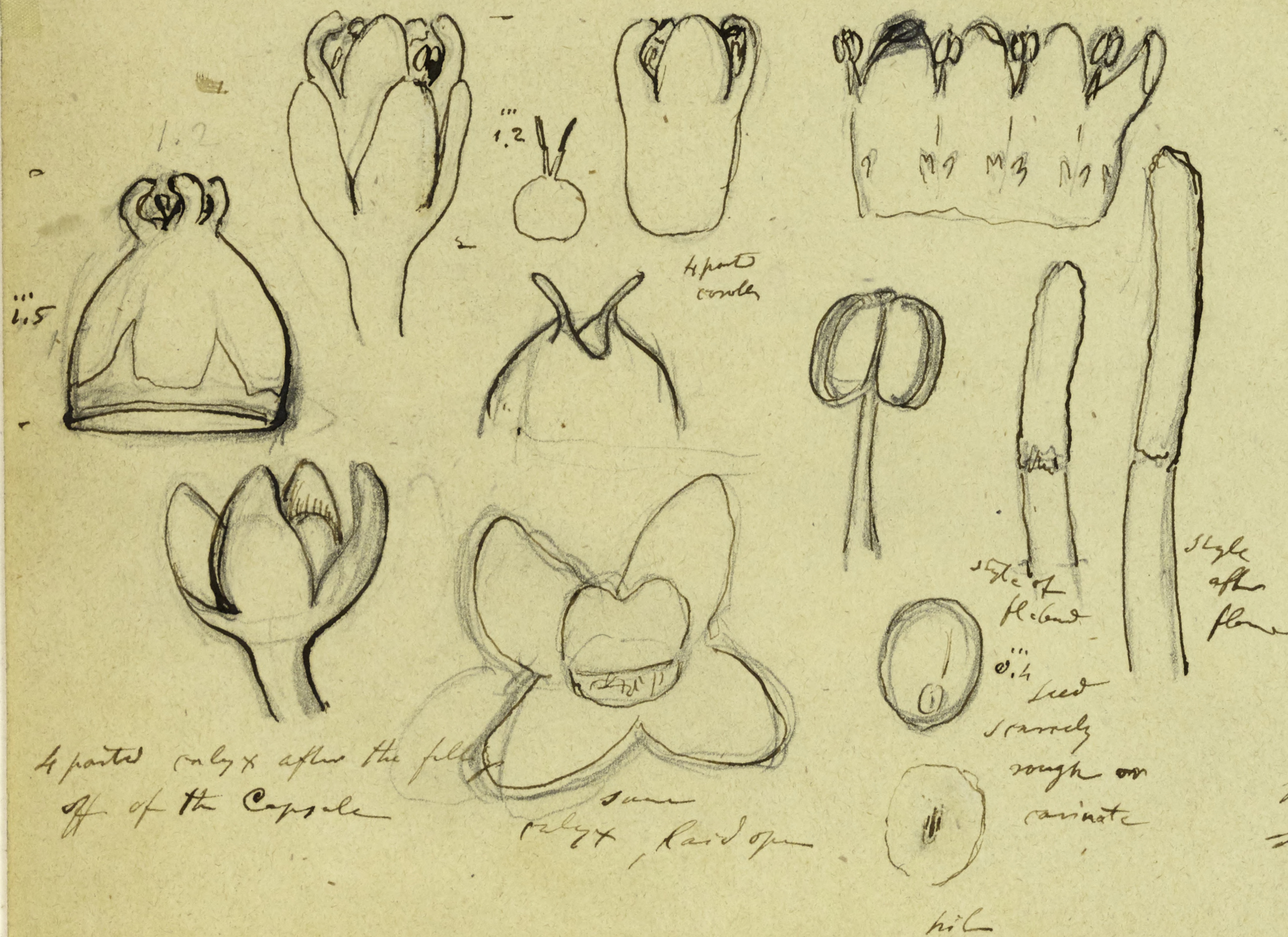
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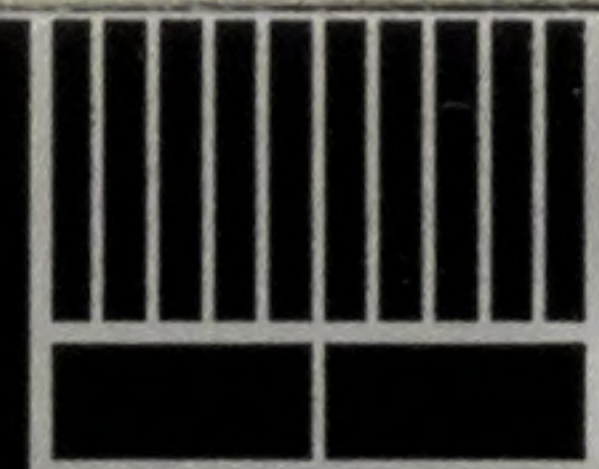


Curatella halophyte Fries

on same shrub

Herb. Hook. & A.

Same as *C. Europaea*
 scales very rud, small
 few teeth only —
 rather broader,
 seeds smaller,
 flowers generally
 smaller —



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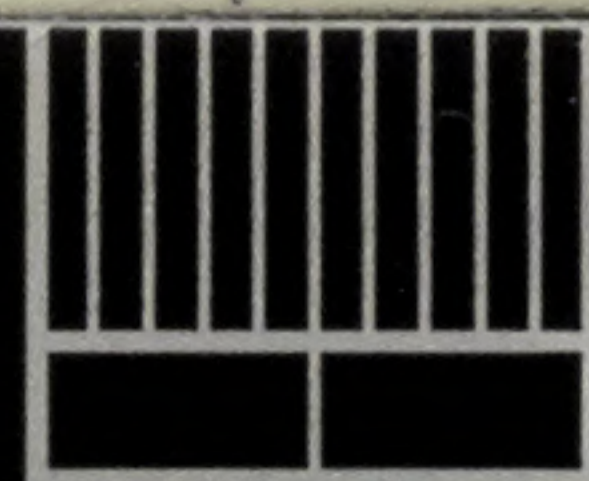
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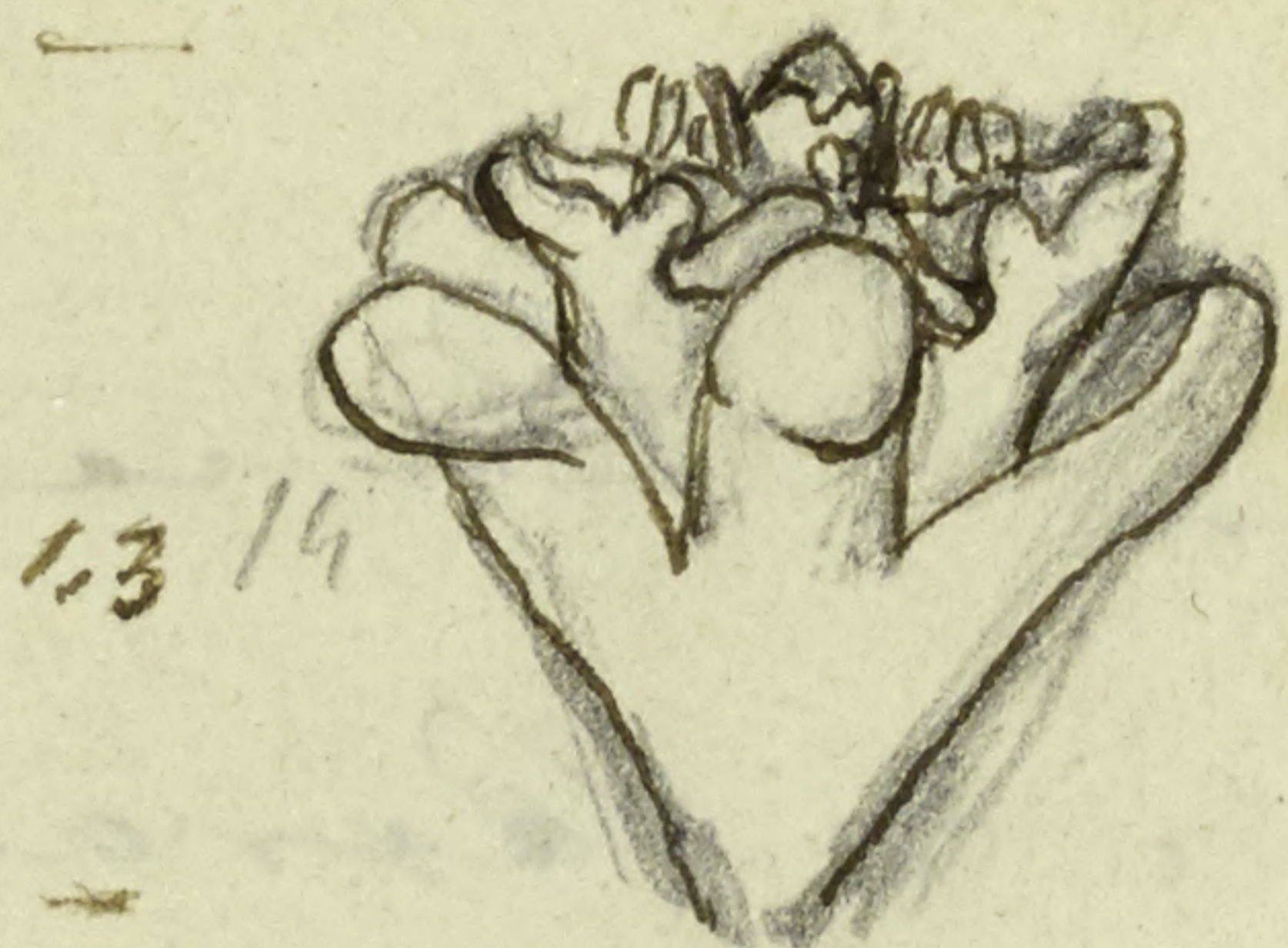
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Paris June 1857



Cuscuta vulgaris Webb
1470. a. E. Bouzian Pl. Canar. 1855
Teneriffe, Mont de Tequiste 8 June

on

Hb. Paris

This is the same as the Algerian
plant, fig...

About 1 dozen flowers, with a few sterile
ones at bases or outside — a glomerule. — bract oval
membranaceous —

calyx deeply divided, bellate; styles
longer than ovary — ovaries ovate or
somewhat truncate — I find no
difference at all
glomerule 3-3 1/2 li diam



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Cuscuta calycina Wrb.

on Rupestris Linn.

Valverde, Isle de Fer Canaries

H de la Perraudière

is absolutely the same plant,

oblong about as long as corolla, deeply cleft, lobes

oblong obtuse etc.

Flower about 1 line

long or a little longer — glomerules about 10 fertile

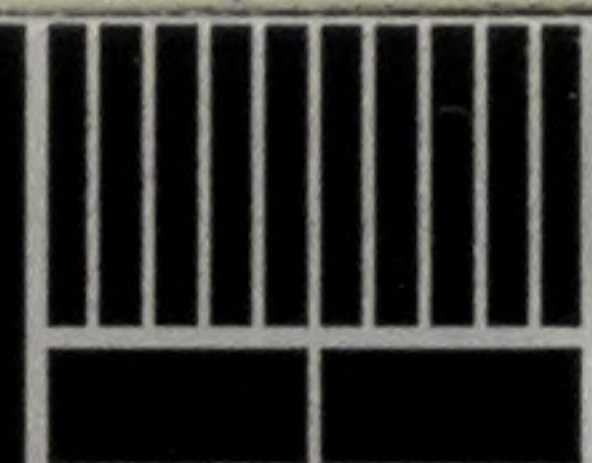
and a few incomplete flowerings glomerules

$2\frac{1}{2}$ or at most 3 in diameter

Cuscuta Tenaciffa or *Plantago* (H de la Perraudière) is the same plant

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246. G.

C. calycina from the Canary islands

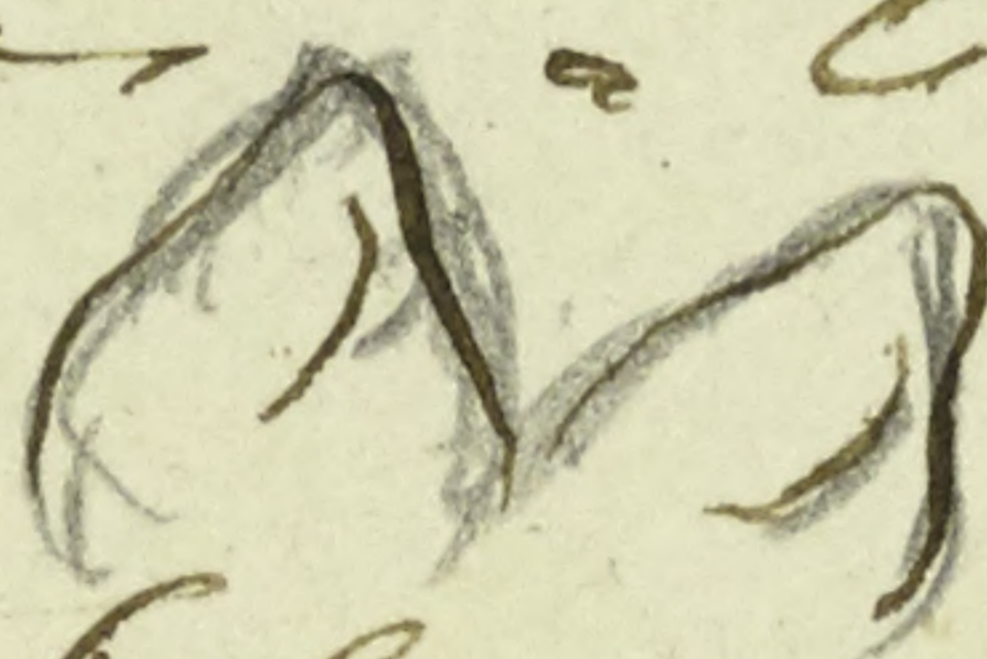
Bourge 1430. a

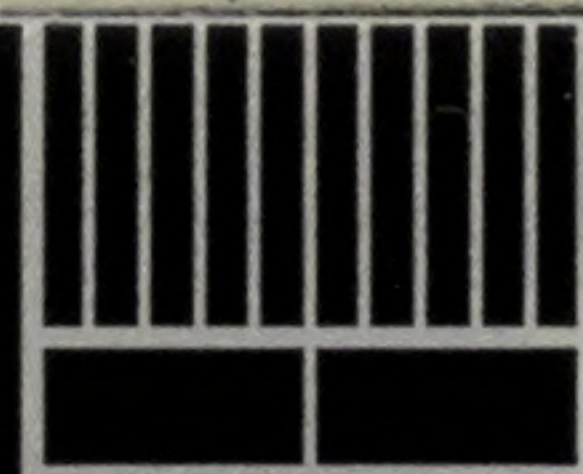
246. *C. calycina*. cal. deeply divided, almost as long as corolla, lobes oblong.

C. Tenerife Hb. Par. ex Mus. Paris same - lobes of calyx broader but deeply divided, bullate

C. Epiphlorama. 1430 Bourge 1855 Tenerife - is the same as *calycina*.
I can see no difference at all - anthers more reniform, obic-
ular perhaps 

C. - Guisnes, Tenerife, de la Perouse is the same plant again.

C. on Adenocaryus " " " is the same plant,
but has the calyx lobes a little broader and somewhat acute
or even cuspidate  scales and styles & corolla same
calyx divided to below the middle



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Cuscuta calycina Algeria Paris June 1857

Cuscuta Calycina Webb.

Bona, Algerien.

Mr Bernard

in Herb. Par.

on Helianthemum — E. Thymus,

is exactly like the Camero plant and like Boiss's, No. 149 —
only flowers a little larger (1.4 log) and glomerules also large & full
(3 lines diam). —



Cuscuta

Oran, P. Cosson, May 1852 in Hb. Par.

is again the same plant, but glomerules small
only 2 lines diam; flowers less than 1 line long,
calyx roseobloom; tip of corolla lobes same —
scales truncate, somewhat flabelliform, which
is the case often in these plants. —

Cusc. via pubicetis Djebel Zaghuwan, Tunis 410. a. L. Kuntlik in Hb. Cosson
on Rosmarinus is the same plant — (in Hb. Mus. Paris, on Thymus, it is
capillosa fr 250)



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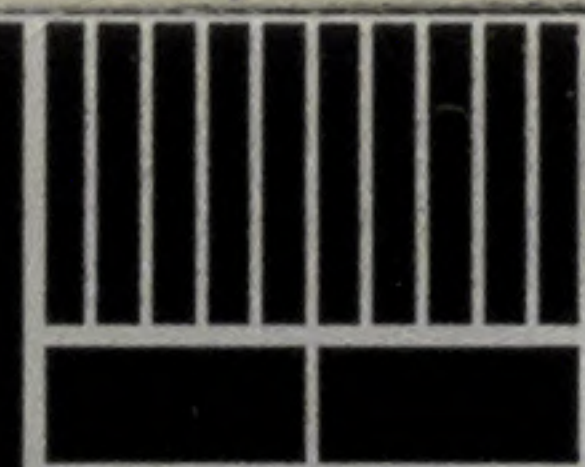
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Cosson, on the mountains of the Djurdjura, is the same plant
Hb. Cosson No. 1

Cosson Djebel sauto à Oran, May 1852 Hb. Cosson. 36.
same plant, very slightly papillos! therefore approach. ~~250~~ 250

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Cerata planiflora

var. papillosa, var. lobata

San Ildefonso near Legoria, — Thymus
H. Gussone



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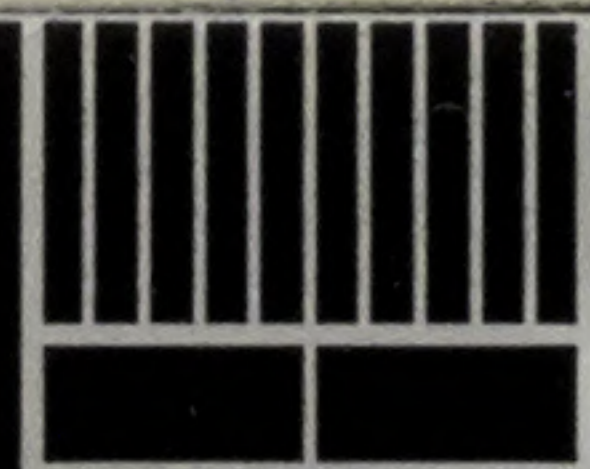
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Paris June 1857

Cuscuta calycina Webb minor
(formerly *alba microcephala*)

"*Cuscuta alba*" Gasparini, Sicily H.P. is exactly the plant
of Algeria & the Canary islands. — — deeply divided Calyx,
lobes obtuse, hooded, tumid — lobes of corolla imbricate.

Cuscuta: petite île d'Ourlach, Grèce, Lefevre ^{May 1826}
— Hb. Mus Paris & Hb. Berlin is the same
thing; ^{in part. see 252} lobes of corolla approaching planiflora

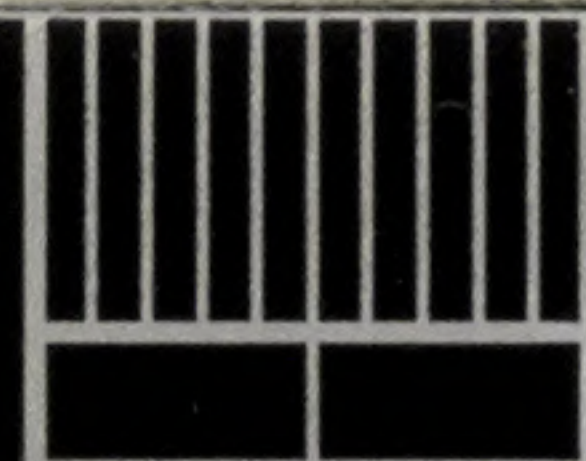
1298 Bouygues, à la Base de la Sierra de Gador Almeria
May 1851 — Hb. Paris & Hb. Giseb. vide fig 156
" Hb. Casson

491. "*C. microcephala*" Algarve, d'Eschwege H.P. not yet fully
in flower, the small-headed form

Salzman, Malaga in H.P., small-headed

A. Mulik Bonifacio, Corsica — Hb. Casson is the same thing

Sicily, Oliver & Druguier — Hb. Mus Paris, absolutely the same plant.
very tumid calyx lobes 4-5 — corolla small

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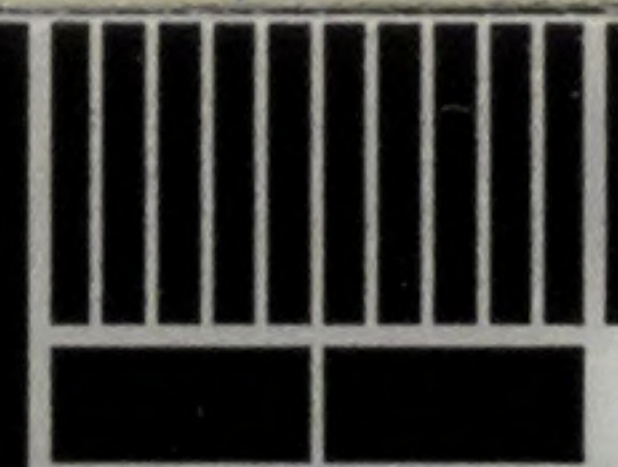
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Paris July 1857

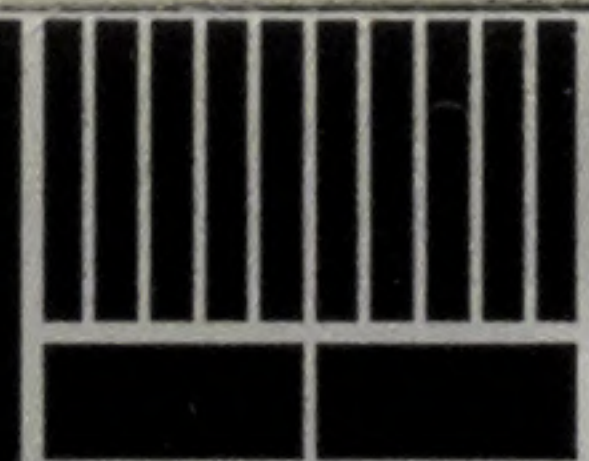
*Caranthe calycina* Webb.on *Lisyanthus*, / Sant Cruz,
Caucasus

20 April 1855

H de la Perandiere



Bourzean

heads 3-4 lines in diam.; calyx
turbinate, almost pedicelled; corolla
in flower enclosed entirely; scales ^{finer} entire!This seems to be the true *calycina*, on account of the
deeply divided calyx and the very small corolla —
— Probably the form of ^{our} succulent plants!This — 258 which we also the same and fully developed
on *Lisyanthus* specimens! might be distinguished as var. turbinateBourzean 1855, Quimper, *Demissa* *viridissima*, heads 4-5
lines in diam. the largest of any of this species seen by me —0
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an even umbelliferous plant — capitula magna mult.
flora, flores densi basi turbato — attenuati quasi
pedicellati calyce — flore juniori proaequali —
flos totus 2 li. longus. — Lacinia corollae ovata — triangulari
nec valde tumida

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Cusc. p 460

A. Cuscuta

I Eucuscuta sp 1-10

1. Stylis ovario

longioribus

sp 1-5

(This folder enclosed sheets 1-124)



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A.



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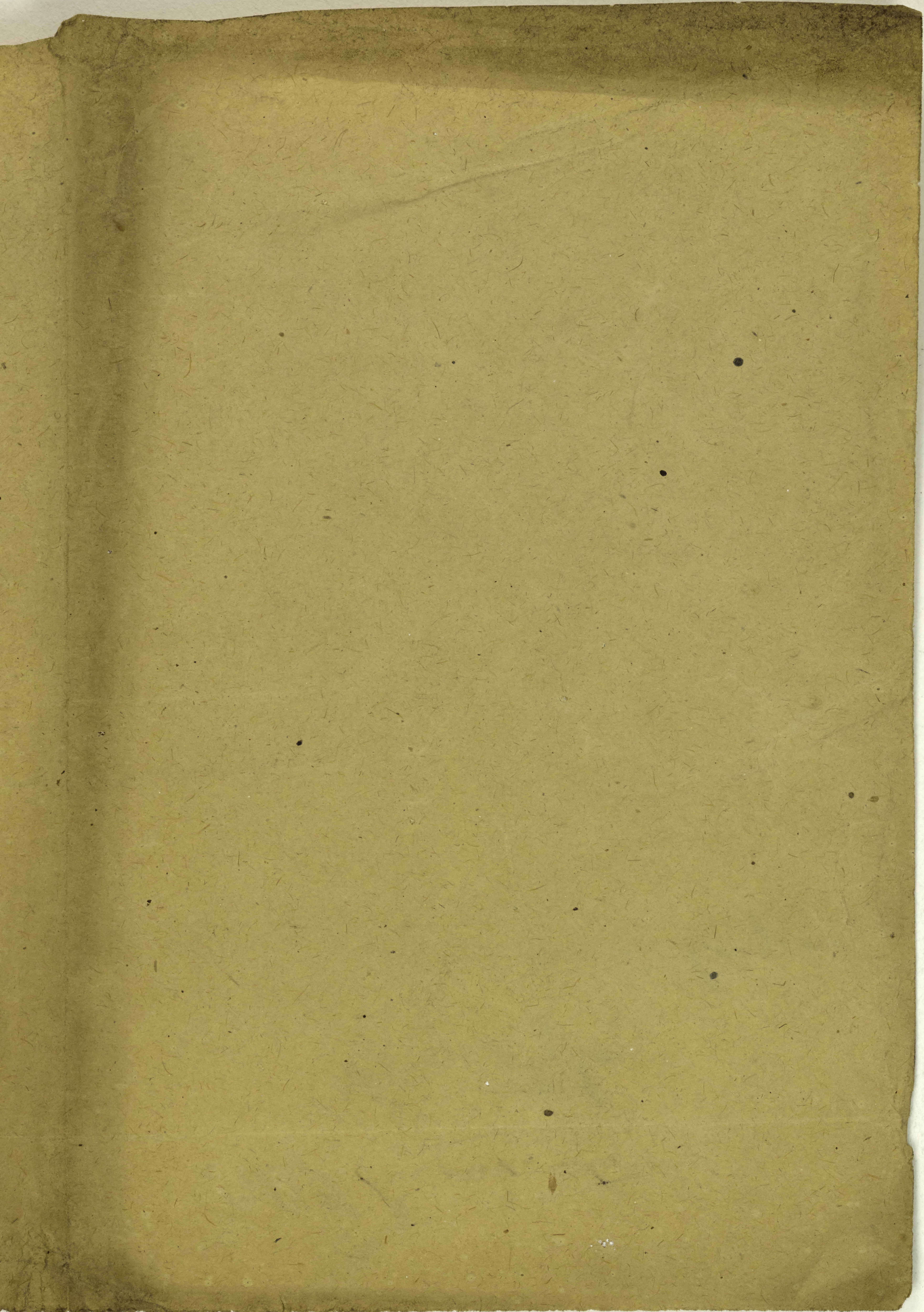
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Act I Cucurbit

longistylis

stylis ovario long. m. h.

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